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TOWNSEND&TOWNSEND

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Examiner Peter P. Tung, Art Unit 1652

at Fax No.: 703-746-5310

On October 24, 2001

TOWNSEND and TOWNSEND and CREW LLP

By: Maisie C. Livengood
Maisie C. Livengood

PATENT
Attorney Docket No.: 015389-002611US
Client Ref. No.: 018/063C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Cech et al.

Application No.: 09/432,503

Filed: November 2, 1999

For: **HUMAN TELOMERASE
CATALYTIC SUBUNIT**

Examiner: Peter P. Tung

Art Unit: 1652

SECOND PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

SECOND PRELIMINARY AMENDMENT

Prior to examination of the above-referenced application, Applicants respectfully request that the following amendments be entered without prejudice.

IN THE CLAIMS:

Please cancel claims 23-40.

Please add New Claims 41-57 as follows:

41. A method of increasing the proliferative capacity of a mammalian cell, comprising introducing into the cell a recombinant polynucleotide comprising a nucleic acid

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